

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/139,386

DATE: 09/08/98  
TIME: 15:43:36

INPUT SET: S28433.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: Monforte, Joseph A.  
Becker, Christopher H.  
Shaler, Thomas A.  
Pollart, Daniel J.

(ii) TITLE OF INVENTION: OLIGONUCLEOTIDE SIZING USING CLEAVABLE  
PRIMERS

(iii) NUMBER OF SEQUENCES: 19

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Arnold, White & Durkee  
(B) STREET: P.O. Box 4433  
(C) CITY: Houston  
(D) STATE: TX  
(E) COUNTRY: USA  
(F) ZIP: 77210-4433

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US Unknown  
(B) FILING DATE: Concurrently Herewith  
(C) CLASSIFICATION: Unknown

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/639,363  
(B) FILING DATE: 26-APR-1996

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/445,751  
(B) FILING DATE: 22-MAY-1995

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Sertich, Gary J.  
(B) REGISTRATION NUMBER: 34,430  
(C) REFERENCE/DOCKET NUMBER: GETR:031

--> OK  
-->

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47 (ix) TELECOMMUNICATION INFORMATION:  
48 (A) TELEPHONE: (512)418-3000  
49 (B) TELEFAX: (512)474-7577  
50  
51

52 (2) INFORMATION FOR SEQ ID NO:1:  
53

54 (i) SEQUENCE CHARACTERISTICS:  
55 (A) LENGTH: 16 base pairs  
56 (B) TYPE: nucleic acid  
57 (C) STRANDEDNESS: single  
58 (D) TOPOLOGY: linear  
59

60 (ii) MOLECULE TYPE: DNA (genomic)  
6162 (ix) FEATURE:  
63

64 (A) NAME/KEY: misc\_feature  
65 (B) LOCATION: 9..10  
66 (D) OTHER INFORMATION: /note= "sequence contains  
67 phosphoramidate bond between nucleotides 9 and 10"  
68  
69

70 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
7172 TTCATGCAAT CCGATG  
73

16

74 (2) INFORMATION FOR SEQ ID NO:2:  
75

76 (i) SEQUENCE CHARACTERISTICS:  
77 (A) LENGTH: 20 base pairs  
78 (B) TYPE: nucleic acid  
79 (C) STRANDEDNESS: single  
80 (D) TOPOLOGY: linear  
81

82 (ii) MOLECULE TYPE: DNA (genomic)  
8384 (ix) FEATURE:  
85

86 (A) NAME/KEY: misc\_feature  
87 (B) LOCATION: 16..17  
88 (D) OTHER INFORMATION: /note= "primer containing a first  
89 region with an immobilization attachment site, a cleavable site  
90 "x" between nucleotides 16 and 17"  
91  
92

93 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
9495 ACTCCTGTGG AGAACTCTGC  
96

20

97 (2) INFORMATION FOR SEQ ID NO:3:  
98

99 (i) SEQUENCE CHARACTERISTICS:

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100 (A) LENGTH: 20 base pairs  
101 (B) TYPE: nucleic acid  
102 (C) STRANDEDNESS: single  
103 (D) TOPOLOGY: linear  
104

105 (ii) MOLECULE TYPE: DNA (genomic)  
106  
107  
108  
109

110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
111

112 GCAGAGTTCT CCACAGGAGT  
113

20

114 (2) INFORMATION FOR SEQ ID NO:4:  
115

116 (i) SEQUENCE CHARACTERISTICS:  
117 (A) LENGTH: 16 base pairs  
118 (B) TYPE: nucleic acid  
119 (C) STRANDEDNESS: single  
120 (D) TOPOLOGY: linear  
121

122 (ii) MOLECULE TYPE: DNA (genomic)  
123  
124  
125  
126

127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
128

129 ACTCCTGTGG AGAACT  
130

16

131 (2) INFORMATION FOR SEQ ID NO:5:  
132

133 (i) SEQUENCE CHARACTERISTICS:  
134 (A) LENGTH: 19 base pairs  
135 (B) TYPE: nucleic acid  
136 (C) STRANDEDNESS: single  
137 (D) TOPOLOGY: linear  
138

139 (ii) MOLECULE TYPE: DNA (genomic)  
140  
141  
142  
143

144 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
145

146 ACCATCGACG AGAAAGGGA  
147

19

148 (2) INFORMATION FOR SEQ ID NO:6:  
149

150 (i) SEQUENCE CHARACTERISTICS:  
151 (A) LENGTH: 7 amino acids  
152 (B) TYPE: amino acid

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153 (C) STRANDEDNESS:  
154 (D) TOPOLOGY: linear  
155  
156 (ii) MOLECULE TYPE: protein  
157  
158  
159  
160  
161 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
162  
163 Thr Ile Asp Glu Lys Gly Thr  
164 1 5  
165  
166 (2) INFORMATION FOR SEQ ID NO:7:  
167  
168 (i) SEQUENCE CHARACTERISTICS:  
169 (A) LENGTH: 19 base pairs  
170 (B) TYPE: nucleic acid  
171 (C) STRANDEDNESS: single  
172 (D) TOPOLOGY: linear  
173  
174 (ii) MOLECULE TYPE: DNA (genomic)  
175  
176  
177  
178  
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
180  
181 ACCATCGACA AGAAAGGGA  
182  
183 (2) INFORMATION FOR SEQ ID NO:8:  
184  
185 (i) SEQUENCE CHARACTERISTICS:  
186 (A) LENGTH: 7 amino acids  
187 (B) TYPE: amino acid  
188 (C) STRANDEDNESS:  
189 (D) TOPOLOGY: linear  
190  
191 (ii) MOLECULE TYPE: protein  
192  
193  
194  
195  
196 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
197  
198 Thr Ile Asp Lys Lys Gly Thr  
199 1 5  
200  
201 (2) INFORMATION FOR SEQ ID NO:9:  
202  
203 (i) SEQUENCE CHARACTERISTICS:  
204 (A) LENGTH: 19 base pairs  
205 (B) TYPE: nucleic acid

19

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206 (C) STRANDEDNESS: single  
207 (D) TOPOLOGY: linear  
208  
209  
210  
211 (ix) FEATURE:  
212 (A) NAME/KEY: misc\_feature  
213 (B) LOCATION: 7..15  
214 (D) OTHER INFORMATION: /note= "N = G, A, C or T"  
215  
216  
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
218  
219 ACGACANCCA TGCANCACC 19  
220  
221 (2) INFORMATION FOR SEQ ID NO:10:  
222  
223 (i) SEQUENCE CHARACTERISTICS:  
224 (A) LENGTH: 17 base pairs  
225 (B) TYPE: nucleic acid  
226 (C) STRANDEDNESS: single  
227 (D) TOPOLOGY: linear  
228  
229 (ii) MOLECULE TYPE: DNA (genomic)  
230  
231  
232 (ix) FEATURE:  
233 (A) NAME/KEY: misc\_feature  
234 (B) LOCATION: 9..10  
235 (D) OTHER INFORMATION: /note= "probe contains a cleavable  
236 ribose at position 10 from 5' end (position 7 from 3' end)"  
237  
238  
239 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
240  
241 AAATACATCG CTTGAAC 17  
242  
243 (2) INFORMATION FOR SEQ ID NO:11:  
244  
245 (i) SEQUENCE CHARACTERISTICS:  
246 (A) LENGTH: 18 base pairs  
247 (B) TYPE: nucleic acid  
248 (C) STRANDEDNESS: single  
249 (D) TOPOLOGY: linear  
250  
251 (ii) MOLECULE TYPE: DNA (genomic)  
252  
253  
254 (ix) FEATURE:  
255 (A) NAME/KEY: misc\_feature  
256 (B) LOCATION: 9..10  
257 (D) OTHER INFORMATION: /note= "18-mer is biotinylated at  
258 5' end and contains a ribose at position 10 from 5' end"

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/139,386**

DATE: 09/08/98  
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*INPUT SET: S28433.raw*

Line	Error	Original Text
30	Wrong application Serial Number	(A) APPLICATION NUMBER: US Unknown
32	Wrong Classification	(C) CLASSIFICATION: Unknown